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L.P.  
8-1-03  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	TIMM, Harald	) Examiner:
Application No.:	10/029,925	) DUNWOODY, A.M.
Filing Date:	December 31, 2001	) Art Unit:
For:	PIPE ELEMENT FOR BENDING	) 3679
	PIPE SECTIONS	)

Docket No.: 19086.3

Amendment

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
USA

This communication is in response to the Office Action in the subject patent application mailed March 31<sup>st</sup>, 2003. Please amend this application as indicated below.

08/07/2003 EHARRIS 00000003 500698 10029925

01 FC:1202	54.00 DA
02 FC:1251	110.00 DA

## ABSTRACT AMENDMENTS:

A bending metal pipe element for bending pipe sections, in particular for return pipes in combustion engines of automobiles, ~~comprising~~ has undulations which are disposed one behind the other in the longitudinal direction of the pipe element, ~~is characterized in that~~ The undulations have different outer diameters and undulations having the same outer diameter are disposed in alternating pairs. In this manner, the pipe can assume a largest possible bending angle without being damaged.